

1890-1891

Alphie

LOG BOOK

IN CIVIL TIME,

By Captain Howard Patterson.

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NEW YORK.

It is customary for Navigators at present to keep their Log Books in Civil Time, the day beginning and ending at midnight, as on shore. This form will be found much more convenient than the old style, as it is ruled to accommodate this later manner of keeping the Log, and is supplied with 12 o'clock position rulings inserted where they properly belong. When using this Book carry the same date from midnight to midnight, instead of changing it at noon as formerly.

Book 1890

CSLN
30100-

Log Book Of Scho
Apphia & Amelia
Portland
Maine

2.37 Tons.
Burden.
1890 and 91
K. E. Willard.
Master.



H. E. Willard
Master

Journal from New York at towards Athens N.Y.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
AIR.	WATER.								
A.M. 1								29.8	This Day Comes On With fair weather arrived up here at 1 am
2									former Part
3									of Day fair Weather
4									
5									
6									
7									
8									
9									
10									
11									
12									

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										Latter Part Raining get in about fifty tons of
2										Sand Cleared up at 5 pm.
3										Wind still South light
4										
5										
6	None		South							
7										
8										
9										Still Clear at 12
10										Midnight
11										
P.M. 12										

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
AIR.	WATER.								
A.M. 1									This Day Comes On With fair weather start loading at 6 am clear at 10 am and get in 250 tons of Sand up to 12 noon squall making up to the North west
2									worked off for dinner
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										start loading again at 11
2										squall near due to the North East finished up
3										loading at 6 pm leaked after hatch and put on tarpaulins
4										low 13 at
5										took us at 11 pm and started pumps attended to so end of this
6										
7										
8										
9										
10										
11										
P.M. 12										

20 Aug

Journal from Portland Maine towards Sullivan Maine

Journal from Sullivan Maine towards New York

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	16th day of October 1890
				AIR.	WATER.			
A.M. 1						30-	This Day Comes In With Fair weather get underway at 8 am and start for Sullivan wind West then changed out to the S.W. passed Seignin at 12 pm. Sought stay sail weather thickening up	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1							Passed Monhegan at 4 pm 4 am Abreast Martinus Rock light at 8 pm Made Egg Rock " " " 12 Midnight Weather and we commenced shorting sail took in all three topsails Crew Employed at Ship 2 Duties		
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	17th day of October 1890
				AIR.	WATER.			
A.M. 1						29-5	This day comes In with stormy weather sought all three topsails at 5 am Raining hard at 9 am Arrived at Sullivan at 8 am sails all tied up at 9 am raining hard at 11 am wind East. Blowing hard	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1							29-4 Latter Part the same Shore In Short and dropped off stars and gave her thirty fathoms of Chain Blowing hard at 12 Midnight		
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	22nd day of Oct 1890
				AIR.	WATER.			
A.M. 1		NE					This Day Comes In With fair weather get underway at 10 am wind Carled at to the NE at 12 noon	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1							To Boat Came at 7 pm and towed us down to Sullivan got anchored at 8 pm Pumpie Alenora		
2									
3									
4									
5									
6		NE							
7									
8									
9									
10									
11									
P.M. 12									

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	23rd day of Oct 1890
				AIR.	WATER.			
A.M. 1		ESE					This Day Comes In With fair weather get underway at 8 am and passed wind Carled out to the SE passed out By the Great Ferry at 9 am closed hauled on the Wind passed By schooner ledge at 12 noon	
2								
3								
4								
5								
6								
7								
8								
9								
10								
11		SE						
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1							Passed out By Egg Rock at 4 pm and kept off for South West Harbor arrived there at 8 pm and anchored still at S.W.H at 12 pm		
2									
3									
4									
5									
6		SSE							
7									
8									
9									
10									
11									
P.M. 12									

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A.M. 1
2
3
4
5
6
7
8
9
10
11
12

NOON.

1
2
3
4
5
6
7
8
9
10
11
F.M. 12

A.M. 1
2
3
4
5
6
7
8
9
10
11
12

NOON.

1
2
3
4
5
6
7
8
9
10
11
P.M. 12

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A.M. 1
2
3
4
5
6
7
8
9
10
11
12

NOON

1
2
3
4
5
6
7
8
9
10
11

A.M. 1
2
3
4
5
6
7
8
9
10
11

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.	5 th day of Nov. 1890
A.M. 1									
2									
3									
4				N.W. by N			30.2		
5									
6				calm					
7									
8				By the wind			30.3		
9									
10									
11									
12									

Passed Watch Hill at 12 M.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

Strong winds
took in outer jib and fore
top sail at 3 P.M. in main top sail
Passed the race at 1 P.M.
at 5 P.M. single reefed
fore sail and set it
at 7 P.M. took in mizzen top sail
at 11. Moderating

Pumps attended Soends this day.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.	6 th day of Nov 1890
A.M. 1									
2									
3									
4				By the wind					
5									
6									
7									
8									
9									
10									
11									
12									

30.2
set outer jib and mizzen top sail
at 6 set main top sail at 9 set fore
top sail

at 12 M. very moderate

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

at 2 P.M. light breeze East

30.2
at 4.30 light breeze South
at 8 P.M. calm
aboard of Eatons neck light-
shut down thick fog

Soends this day Pumps attel

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.	7 th day of Nov 1890
A.M. 1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

this day comes in with calm
and foggy weather.

Passed Sande Point
at 11.30 fog cleared

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

30.2
came to anchor at city island
at 1 P.M. for orders
at 2 " light breeze S.W.
Clear

at 8 wind freshening

30.15

Pumps attended Soends &

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.	8 th day of Nov 1890
A.M. 1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

this day comes in with light-
south & westerly winds and
thick smoky weather
still lying at city island
awaiting orders

at 12 M. wind suddenly
shifted to run fresh &
received orders got under
weigh set jibs and spanker
and proceeded towards
College Point - came to
anchor at 1 P.M.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

and furled sails.
crew employed repairing
foresail

30.2

Soends this day
Pumps attended

Journal from Laying in towards New York

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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
A.M. 1						AIR.	WATER.		
2				East				30.3	this day comes in with light winds and cloudy weather still laying off white stone and
3									at 10 am wind S.E. fresh
4									
5									
6									
7									
8									
9				S.E.					
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
F.M. 12									

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
A.M. 1						AIR.	WATER.		
2				SW				30.05	this day comes in with light south westerly winds and cloudy weather at 6 am took tow Boat - J. J. Boyds and towed through the gates arrived at Makd's wharf at 10 am.
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

30.1 Latter Part the same
Pumps attol Soends this day

Journal from Laying in towards New York

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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
A.M. 1						AIR.	WATER.		
2				N				30.3	this day comes in with light winds and showers still laying at Pier 87 awaiting berth
3									
4									
5									
6									
7									
8									still showering
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
A.M. 1						AIR.	WATER.		
2				E				30.35	this day comes in with light Easterly winds and rainy weather
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

Light Baffalung
Latter part light winds and cloudy.
rigged gear to discharge
Soends this day
Pumps attol

Journal
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[illegible][illegible]

					Middle and latter part - fresh breezes wind southing more westerly
1					
2					
3					
4					
5					
6	N.S.W.			30.75-	
7					
8					
9					
10					discharged to day 14/404
11					Parrin Block's
F.M. 12					Sounds this day n . . .

H K F			COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M.	1								14 th day of Nov 1890
	2								this day comes in with light westerly winds and fine weather
	3								
	4								continued discharging cargo to day.
	5								
	6								
	7								
	8								
	9								
	10								
	11								
	12								

[illegible][illegible]

Journal from New York

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[illegible][illegible][illegible]

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
				AIR.	WATER.		
A.M. 1							16 th day of Nov 1890
2							
3							
4							
5						30.3	This day comes in clear and cold with light northerly wind
6							
7							
8							
9							
10							
11							
12							at 10.30 low foot took us in to dock

[illegible]

1					Latter calm
2					
3					
4					
5	Calm			30.1	
6					
7					
8					
9					
10					
11					Sounds this day
P.M. 12					Pumps att'd

Journal from Laying at ~~towards~~ Roundout.

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1									17 th day of Nov 1891
2									This day comes in with
3				calm					and rainy weather
4									
5									
6								30.	
7									
8									
9									Still Showering
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									Latter Part the same
4									
5									Laying at dock awaiting
6									Charger
7									29.7
8									
9									
10									
11									
P.M. 12									So ends this day Pumps att'd

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1									18 th day of Nov 1890
2									This day comes in with
3				NW					light & Northwesterly
4									swinds and clearing
5									weather
6								29.8	
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									middle and latter
4									part clear and fine
5									
6									
7									calm
8									29.9
9									
10									
11									
P.M. 12									So ends this day Pumps att'd

Journal from Laying at ~~towards~~ Roundout

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1									19 th day of Nov 1890
2									This day comes in with
3									light N.W. winds and
4				NW					partly cloudy weather
5								29.8	commenced to take
6									in cargo at 7 am.
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									Latter part snow and
4									hail squalls
5									got on board this day
6									10508 lbs cement
7									
8									29.75
9									
10									
11									
P.M. 12									So ends this day Pumps att'd

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1									20 th day of Nov 1890
2									This day comes in with
3									fresh & northerly winds
4				N					and cloudy weather
5								29.8	no cargo this A.M.
6									
7									
8									
9									
10									
11									
12									

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									Began to take in cargo
5									at 1 P.M. got in today
6									5.60
7									29.95
8									
9									
10									
11									
P.M. 12									So ends this day Pumps att'd

towards Rondout -

Journal
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towards Boston

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1									21 st / ₄ day of Nov 1890
2									this day comm in with clear and calm weather and colder began taking in cargo at 7 A.M.
3									
4				calm					
5							30.2		
6									
7									
8									
9									
10									
11									
12									took in this A.M. 4.90 bbls.

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

latter part more moderate

calm

30.05 took in this P.M. 80 fms

So ends this day P

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M.	1								22 nd day of Nov 1890
	2								this day comes in with clear weather
	3								
	4			calm				29.9	commenced taking in cargo at 7 am.
	5								finished loading at 9 am
	6								total 2830 lbs
	7								at 10 took tow boat and towed out to the stake boat
	8								at 4 P.M. all secured on d ready for sea.
	9								
	10								
	11								
	12								

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4			N W			50				
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

Latter part heavy winds from N.W.

Low started at 10.30 P.M.

Sounds this day

Pumps attd

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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1									23 rd day of Nov 1890
2									This day course in milk light southerly winds and partly cloudy weather
3									
4								29.9	
5				S					
6									
7									
8									towing down river today at 9 and snowing
9									
10									
11									
12									

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

this P. M. heavy northwest-
 winds
 NW
 30.
 Latter part clear and fine
 wind still fresh
 dropped off from tow at
 8 P. M. Haul-mainsail and
 gib and sailed down to
 the harbor and anchored

H K F		COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
					AIR.	WATER.		
A.M.	1							24 th day of Nov. 1890
	2							
	3							
	4		calm				30.1	This day comes in with clear and calm weather at 4 a.m. wore short and set sails for two boat.
	5							at 7 am took two boat and
	6							rowed through the gates
	7							set all sail and proceeded
	8							on our way towards Boston
	9							passed Rikere island
	10		W.					at 9.45 am
	11							

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
12										
	NOON.									
1										
2										
3										
4		6								
5			S. 11.							
6										
7										
8										
9										
10		6 4 12								
11										
P.M. 12										

calm

30.2 very moderate

at 1 P.M. fresh breeze struck from South west

Passed Throggs neck at 2 P.M.

Passed Execution Rock at 3 P.M.

Passed the race at 12 mi took in topsails and stay sails and under jib

Reached this day Pumpwallow

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[illegible]

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	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2						30.				
3										
4			N. W							
5										
6										
7										
8										
9			calm			30.2				
10										
11										
P.M. 12										

at 5 P.M. Moderating

Latter part calm
 Dooms this day

Pumps attol

Journal from *Laying at -* towards *Boston*
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[illegible][illegible]

1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
F.M. 12						

calm

30

Latter part turning to
rain

finished discharging at
5 P.M.

Sounds this day

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
				AIR.	WATER.		
A.M. 1							4 th day of Dec 18 90
2							<p>This day comes in with light & westerly winds and clearing weather at 9. A.M. Strong Breeze</p>
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

[illegible]

1						
2						
3						
4					30	
5						
6		calm				Latter part more moderate
7						
8						
9						
10						
11						
P.M. 12						So ends this day Pumps attel

Journal from Boston towards Portland

	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.		Barometer.	REMARKS.
A.M. 1										Dec day of 6 th 1890
2										This day comes in with light-
3										S.W. winds and smoky
4										weather at 3 A.M. took tow
5										boat and bowed down through
6										the bridges set all sail
7									30.25	and proceeded on our way
8										towards Portland
9										passed out Broad sound
10										at 6 AM.
11										at 10 am light Snow.
12										Passed Martha's at 12 30

[illegible][illegible]

H K F			COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.		Barometer.	REMARKS.
									6 th day of Dec 18 90
A.M.	1								<p>This day comes in with strong winds and cloudy weather at 8 am got underweigh and anchored again at 9.30 thick snow.</p> <p>at 12 Noon snow held up</p>
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
	11								
	12								

[illegible]

			N.W.E.	30.15	at 2 P.M. got underway and beat up into the harbor and anchored with big anchor and 25 fms chain towing hard
.M. 12					Sends this day Pumpes attd

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towards Portland

H K F		COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1							7 th day of Dec 1898
2							This day commences in with
3							light N.W. winds and
4							clearing weather
5							got under weigh at -
6		NE	NW			29.9	6 am.
7							at 8 am wind increasing
8							at 10 am took in foresail
9							
10							Passed Wood Island at
11							11 am
12							

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

at 12 set single reefed
fore sail.

rr

arrived in Portland
at 2.30

Spence this demand d

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
				AIR.	WATER.		
A.M. 1							9 th day of Dec 1891
2							<p>This day comes in with calm and thick vapory weather got in stores this A.M. and got ready for sea</p>
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

Latter part clear

Sunsets this day Pumpkin at

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towards Carvers Harbor

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
				AIR.	WATER.		
A.M. 1							10 th day of Dec 1890
2							This day comes in with calm and thick fog
3							
4						29.7	at 3 am. tow boat came but did not start
5		calm					
6							
7							
8							
9							
10							
11							
12							

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

Calm

Latter part thick snow

29.45

So ends this day

H K F		COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.		Barometer.	REMARKS.
A.M. 1								11 th day of Dec 1890 this day comes in with light snow
2								
3								
4			WNR					
5								at 3 AM snow stopped clear
6								at 8.30 took tow boat and towed out set all sail and proceeded on our way towards Carvers Harbor Passed Halfway Rock at 10.30 A.M.
7								
8		E by S						
9								
10								
11								
12								

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

1

2

3

4

5

6

7

8

9

10

11

P.M. 12

N by E

NNW

N

29.6

Passed Sequeira at 12.30

" Georges Island at 3 P.M.

Cloudy

anchored at Green Island

Light at 6.45 P.M.

Sends this day P.M. at 11

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[illegible][illegible]

	N.W.	at 12.30 more moderate started to get underweigh but blowed too hard hauled down sails and furled them
P.M. 12		30.1 at 6 P.M. let go big anchor and payed out 8 1/2 fms chain So ends this day Pumpes attot

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[illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
15 th day of Dec 1890									
A.M. 1									This day congee in with light northerly winds and fine weather at 7 A.M. began taking in cargo.
2									
3									
4				N.			30.		
5									
6									
7									
8									
9									
10									
11									
12									

1							Latter part wind
2							freshening a little
3		N			30.1		
4							
5							
6							
7							
8							
9							
10							Sounds this day
11							Pumpkin atoll
P.M. 12							

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1								16 th day of Dec 1890
2								
3				N			30.6	This day comes in with light northerly winds and fine weather
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1								17 th day of Dec 1890
2								
3				E			30.3	This day comes in with light easterly winds and cloudy weather
4								
5								
6								
7								
8								
9				NE				at 9 A.M. snowing
10								
11								wind coming northerly
12								at 11 A.M. stopped snowing

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1								18 th day of Dec 1891
2								
3								
4				NE			29.7	This day comes in with the wind from N.E. a gale at 12.30 A.M.
5								Let go Port anchor and hauled out to 30 fathoms
6								and to 45 on Starboard
7								raining hard
8								at 10.30 P.M. hove up Port anchor and reefed mainsail
9								hailing wind coming a little northerly
10								
11								
12								

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1								18 th day of Dec 1891
2								
3				NE			29.7	This day comes in with the wind from N.E. a gale at 12.30 A.M.
4								Let go Port anchor and hauled out to 30 fathoms
5								and to 45 on Starboard
6								raining hard
7								at 10.30 P.M. hove up Port anchor and reefed mainsail
8								hailing wind coming a little northerly
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1								19 th day of Dec 1890
2								
3								
4				N.W.			29.6	This day comes in clear and cold with a heavy North West wind
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1								19 th day of Dec 1890
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

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[illegible]

H	K	F	COURSES.	WINDS.	LEEWAY	Thermometer.	
							Sounds & Pumps attol

[illegible]

P.M. 12

Sounds this day 10

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[illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
									23 rd day of Dec 1890

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
--	---------	-----------	---------------	------------	---------------	--------------	------------	---------------	---------------	--------------

So the the day Kumpas at the

Journal from Canvers Harbor towards New York.
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[illegible][illegible]

1									
2									
3									
4									
5		S.S.W		W.W.W					
6									
7									
8									
9									
10									
11		S by E		W					
12	P.M.								

29.9 at 12.30 reefed spunk
and foresail
Passed Boon Island
at 2.30 P.M.
Isle of Shoals at 4 P.M.
Thaddeus Island at 7 P.M.
30.1 at 8 took in flying jib
Passed the Highland at 12
midnight

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1									25 th day of Dec 1890
2									
3									
4			S by W	W				30.37	This day comes in with fresh westerly winds and partly cloudy weather
5									
6									down to Chatham at
7			S						6 goggling under single reefed
8									foremast
9									at 8 set spinnaker and main
10				NW					sail jib and forestay sail
11									at 9 am Passed Pilot K. Bk
12									at 12 Passed Goose Rk
									set whole foremast mainsail

NOON.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
1.						

[illegible]

Journal from Cavers Harbor towards New York

H K F		COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
					AIR.	WATER.		
A.M.	1							26 th day of Dec 1890
	2							
	3							
	4	W	NE				30.5-	This day comes in with light N.E. winds and hazy weather
	5							at 4 P.M. commenced to snow arrived at New Haven
	6							at 6 P.M. put a single reef in spanker and mainsail.
	7							
	8							
	9							
	10							
	11						30.3	
	12							

[illegible][illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M.	1								27 th day of Dec 18 90
	2							29.4	This day comes in with fresh westerly winds
	3		by the	N					got underway at
	4		wind						7 A.M. set all sail
	5								and proceeded on our way
	6								at 10 am. took in outer st
	7								and fore and main topsails
	8								at
	9								
	10							29.6	
	11								
	12								

[illegible]

1						at 1 P.M. set out jib
2						and main topsail
3						
4						
5						
6						
7						
8						
9						
10						
11						
P.M. 12						

24th
wind W.

29.6

at 4 P.M. took in outer
jib and main topsail
anchored off Baptists
Island at 10 P.M.

So ends this day P.M. 12th

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[illegible][illegible]

1					Latter part still blowing hard
2					
3					
4					all fast at 3 P.M.
5					
6	N.W.			30.05-	
7					
8					
9					
10					
11					
P.M. 12					Sounds like day has been settled

[illegible][illegible]

						Latter part clear and fine hauled steam lighter at P.M.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
P.M. 12						

Stands this day Pumps attol

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[illegible][illegible]

					Latter part - the same
1					
2					
3					
4					
5		E			got out today 2 pieces
6				30.45-	cut stone.
7					
8					
9					
10					
11					
12					

[illegible][illegible][illegible]

P.M. 12						Sounds this day Pump
---------	--	--	--	--	--	----------------------

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	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

Calm

29.45

Latter part stopped raining but still foggy

fog cleared away

Sounds like dawn

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	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4			East			31.2				
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

at 1 P.M. commence to snow

at 4 P.M. snow stops pool

Snows this day P.

Journal ~~from~~ Lying in towards Brooklyn

[illegible]

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3			N.							
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

at 12,30 P.M. stopped snowing

30. Part of crew came on board at 4 P.M. finished discharging at 5:30 P.M.

Sounds this day is

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
				AIR.	WATER.		
A.M. 1							6 th day of Jan 1891
2							this day comes in - clear and fine with light north westerly winds
3							
4		W.N.W.				30.1	
5							
6							
7							
8							
9							
10							
11							
12							

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

Latter part the same
 at 3 P.M. took tow boat
 and towed down to
 South Amboy arriving
 there at 6.45 P.M.
 and anchored off the
 coal docks
 Spends this day Pumps attol

Journal from *Laying at* *towards South Amboy*
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H K F			COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M.									7 th day of Jan 1891
1									This day comes in with a strong northwest wind and clear weather
2				NW				30.15	
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

[illegible][illegible]

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

W
30.45
Latter part the same
finished loading at 6 P.M.
Spends this day Pumping

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	Cour. No.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

By the Buffalung
wind
29.75- Latter part light variable
winds and cloudy
weather
at 4 P.M. wind noticeably

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[illegible]

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A. M.

NOON

1
2
3
4
5
6
7
8
9
10
11
P.M. 12

A.M. 1
2
3
4
5
6
7
8
9
10
11
12

NOON.

1
2
3
4
5
6
7
8
9
10
11
PM 12

JOHN BLISS & CO.

A.M. 1
2
3
4
5
6
7
8
9
10
11
12

NOON

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

M. 1	2	3	4	5	6	7	8	9	10	11
------	---	---	---	---	---	---	---	---	----	----

NOON.

1
2
3
4
5
6
7
8
9
10
11

Journal from Laying at Red Birdbirds Red Beach

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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1				South					This Day Comes On With threatening weather and overcast still in the steam captain and pilot went ashore at 8 am Commenced raining at 12 noon
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

29-9

[illegible][illegible]

	Cour'se.	Distance.	Diff. of Lat.	Departure.	Lat. by D.R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4			N.W.N							
5										
6										
7			N.W.N							
8										
9										
10										
11										
P.M. 12										

29-5⁺ Latter part of day calm
On With the wind to the N.W.
blowing hard at 2 pm wind being out at 6 am
calm and at 6.30 PM the N.W. W with snow squalls all the last part of night

29-5^{1/2}

Crew Employed at Ships Duties

Journal from Laying at Red towards Beach

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[illegible]

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1						30-				
2										
3										
4										
5										
6						30 1/2				
7										
8										
9										
10										
11										
P.M. 12										

2 pm wind to the North West still blowing hard get the vessel all fast at 2/30

wind all died out at 12 midnight

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M.	1								16th day of March 1891
	2							29.7	this day comes in with stormy weather but cleared up at 9 am and started loading got in 1400. hundred bags in the forenoon
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
	11								
	12								

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

Latter part of Day
 fine get in 2000 lbs
 29-7 Chusand Bags of Plaster
 unloaded off at 6 PM
 started snowing at
 7 PM
 Blowing Hard at 8
 PM

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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M.	1								17th day of March 1891
	2								Came down with fair
	3								weather. with wind
	4								North West blowing hard
	5								
	6								Start loading again
	7								worked up at 12
	8								
	9								noon
	10								
	11								
	12								

[illegible][illegible][illegible][illegible]

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H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
				AIR.	WATER.		
1		Calms				30-2	This Day Comes On With fair
2						—	weather pump ship at 8 am
3						—	started from the deck got
4						—	off to anchor at 10 am finished
5						—	up loaded consists of 4000
6						—	four thousand Bags of plaster
7							and \$4000 four hundred barre
8							ls cleared up deck and
9							calked fire and Mann hotches
10		SW				30-1	
11							
12							

[illegible]

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
P.M. 12	

Latter part of Day
comes on with stormy
weather commenced snowing
at 1 pm
snowing at 12
Midnight
funeris Attended to

[illegible]

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
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[illegible]

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30-4 1/2

2.	Lat. by
----	---------

30-13

30-1 1/2

Lat. by	
---------	--

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30-02

R.	Lat. by
----	---------

1

30-02

2	Test Run
---	----------

30-02

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REMARKS. 24th day of March 1891
This day comes in with
stormy weather with wind
North East stormy still at
Portland
fog shut in thick
fog at 11^{am}

Latter part of Day Cong
 in with foggy weather

 Still at Portland
 Wind & Bound
 Temp Attended
 10

This day Comes In with
fair weather hoist lower
sails and set Mizzen
up sail fore short
wind light breeze
to the N.W. Canting More
30-12 Hatterly get underweigh
- at 8^{am} passed Wood Island
- at 10^{am} Laught fore and
30-31 maintopsails up ahead
- Cape Porpoise at - at 12
- noon

— passed Boone Island
— at 2 ^{PM}. Made Pigeon
— hills at 8 ^{PM} Thatchers
Island Bearing West N. at
West Made Highland light
of Cape Cod at 7/3 = ^{PM}
Blowing quite hard to the
30-02 North North West Look in
fore and Main topsails
at 8 ^{PM}
Ahead Chatham at 12
Midnight pumps attended

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No.	Barometer.	REMARKS.
30-02		26 th day of March 1891
		This day comes in with clear and cold passed prolock rip at 1 ^{pm}
		Cross Rip 3 ^{am} wind to the Northward. Heavy keefed the sp anchor at 8 ^{am} passed Holmes Hole at 6 ^{am}
30-03		passed out by San 3 Pige light ship at 8 ^{am}
-		passed point Judith at 10 ^{am}
-		Went up to Crab Hill at 12 noon

30-03 Latter part of Day Comes
in with fair weather with
light variable winds change
to more southerly hauled
down. Main started at 1^{pm}
30-04 wind came to the southward
shifted fore and Main tops
ails passed in by little gull
light at 5^{pm} wind continued
more to the S.E. hauled to
the southward at 11^{pm}
up abreast Faulkners Island
at 12 pm. (ended)

REMARKS. 2nd day of March 1891
this day comes in with
stormy weather with wings
to the N.W. & blowing fresh
arrived at Red Bank
at 11^{am} and anchored

38-01
—
Latter part of Day
Cloudy and overcast
wind still to the N N E

laying at Red Hook
Wind Bowed
funerals Attended
171

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H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
				AIR.	WATER.		
A.M. 1		NNE					28 th day of March 1891 this Day Comes in with stormy weather still at Red Hook
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

Latter part of day
comes in with strong
winds

27-8 still at Red Hook
— at 12 Midnight
— pumps attended
—

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
				AIR.	WATER.		
A.M. 1							29 th day of March 1891
2							This Day comes in with
3							Cloudy weather with wind
4							to the Northward get under
5							weigh at 8 am and started
6							for Norfolk passed out by
7	S by E					29-09	scottland light ship at
8						—	11 am Jibed over all sail
9						—	
10	S by N	N				—	passed Long Branch
11						—	at 12.30
12						—	

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D.R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D.R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

Latter part of Day
fair Weather and Cloudy
to the N W ahead of
Carnegie Light at 6 Pm

S by W 2 1/2 N. 06 E

29-09 1/2

passed Abercrom Light
at 12 Midnight

pumps Attended to

30-

Journal from Red Beach Meadows Norfolk Virginia
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H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
				AIR.	WATER.		
							30 th day of March 1891
1		S by S North				30-1	This day comes in with fair weather with winds to the Northward fresh breeze down abreast N.E. End of five fathoms Bank at 4 am. from Fenwick's Island at 9 am
2		-					
3		-					
4		-					
5		-					
6		-					
7		-					
8		-					
9		S by N 1/4 N -				30-2	
10							
11							
12							

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

By the
Wind S

30-01

S By E

Lat keep Ship at
2 Midnight

Latter part of day
comes in with
variable winds from
West to South by
passed Winter Quarters
light ship at 6 ^{pm} wind
buffed round to the S
at 9 ^{pm} passed a sunken
wreck with masts attac
hed Winter quarters S.S.
begins N. N. W. 3 miles, Lark

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
									31 st day of March 1891
A.M. 1			By the	SSE				30-01	This day comes On Wilby
2				-					stormy Weather with
3			Wind	-					rain wind Gauled
4				-					me to the S.S.E Lacked
5			-	-					ship and stood in at
6			-	-				30-	5.30 ^{am} Wind farred
7			-	-					at 12 Noon
8			dot	-					
9			"						
10								29-9	
11									
12			SSE	SE					

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

29-8 Latter part of day Comes
in storming wind S. East
fresh passed the Lightship
of Cape Charles at 2 ^{pm}
passed in by the Capes at
29-07 ^{8 ^{pm}} anchored in Hampton
Rhodes at 5 ^{pm} lowered all
sail wind came to
the Nathanael and W.
estard at 12 Midn
ght

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REMARKS. 1st day of April 1891
this day comes in w
fair weather get under
weigh at 5.30 and on
for Norfolk get up to
Norfolk at 9.30 am

funerals Attended
to So Ends this
Day age)

REMARKS. day of 18

Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
------	------------	---------------	---------------	--------------

By the Prince

N By E S S E

COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
			AIR.	WATER.		
						10 th day of April 18

Distance.	Diff. of Lat.	Departure	Lat by D. R.	Lat by St.	Height	Dist. by	Lat by D. R.	Lat by St.
-----------	---------------	-----------	--------------	------------	--------	----------	--------------	------------

anchored at 7 PM

still at anchor
at 12 midnight

arrived up to
Arnolds 16 May
at 12 noon of 11-74

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
---------	-----------	---------------	------------	---------------	--------------	------------	---------------	---------------	--------------

[illegible]

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
								19 th June 1860

[illegible][illegible]This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf from an old book. The paper has a slightly textured appearance with some minor discoloration and faint, dark lines or creases visible across its surface. The page is framed by dark borders on the left and right sides, suggesting it is part of a bound volume. There is no text or other markings on the page.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
---------	-----------	---------------	------------	---------------	--------------	------------	---------------	---------------	--------------

[illegible]

H	K	F	COURSES	WINDS	LEEWAY	Thermometer.	Barometer.	REMARKS
								11 th . J. D. 1864

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
---------	-----------	---------------	------------	---------------	--------------	------------	---------------	---------------	--------------

[illegible]

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Barometer.	REMARKS.
38-1	This day comes in with fair weather get in about 1 ton and a half at 12 noon.

Whole amount of Corn
taken in this day {2822
Two hundred Eighty two
Bushels and thirty six
pounds

Latter part of day five
Crew employed at ship
Leaves

REMARKS. 16th day of April 1871
This Day Comes In With fine
weather dead calm all the
morning wind came
to the S E - at 12 noon

But Clear at 12
Midnight
No Corn this Day

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Barometer.	REMARKS.
30-1	17 th day of April 1891 this day comes in with fine weather with wind southward started on the beam at 6:30 am

30 1/2 Latter part of Day Clear
and Sultry get in
this day
\$14.60 1/2 fourteen hundred
and sixty bushels of Corn
Leaves Employed at
Ships Duties
So Ends this Day

Barometer.	REMARKS.
30-1	18 th day of April 1896 this day Comes In With foggy weather But clears at 8 am start loading again

513094
Crew Employed
at ships Dues

Journal ~~from~~ Praying at towards ^{Vol} Arnolds Wharf

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
									19 th day of April 1891
A.M. 1									This day Comes On With fine weather light breeze came to the Southward get the small anchor and cage and shift down to the Landing to Lake in Corn again Monday Morning get down to the wharf at 9 am
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

[illegible][illegible][illegible][illegible]

1										Latter part of day Mild
2										and cold got in 99 Bush
3										els of Corn this day
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

So End the
Days

Journal *from Laying at towards Arnolds Wharf*
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[illegible][illegible][illegible]

H K F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
				AIR.	WATER.		
A.M. 1							22nd day of April 1891
2							29-9 this day comes in
3							with fair weather but
4							cooler commenced take
5							ing in rain at 3:30 am
6							Warmer at 12 Noon
7							wind S. S. W
8							
9							
10							
11							
12							

[illegible]

1								Latter part of day fine
2								But hot
3								
4								Corn looks in this ^{day} 1174.21
5								Eleven hundred and
6								seventy four bushels
7								and twenty one pounds
8								Pumps attended
9								So ends this Day
10								
11								
P.M. 12								

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H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1								23 rd day of April 1895
2							27-8	this Day comes in with clear and cool wind west light breeze
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

[illegible][illegible][illegible][illegible]

1								Latter part of day the
2								same Corn taken on board
3								this day from shhae 428.37
4								four hundred and twenty
5								eight bushels and thirty
6								six Pounds
7								
8								Crew Employed
9								at Ship's Latitudes
10								
11								
P.M. 12								

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H K F			COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M.	1								26 th day of April 1891
	2								This Day Comes In With
	3								fine weather small schooner
	4								came M. C. Curtin came
	5								With 1400 bushels of Corn
	6								
	7								
	8								
	9								
	10								
	11								
	12								

[illegible]

1
2
3
4
5
6
7
8
9
10
11
P.M. 12

Latter part the same
Crew taken in this
Day 2074⁰⁰ two thousand
and 74 seventy four Bushels
Crew Employed at Ships
Duties
So Ends this Day

[illegible][illegible]

								Latter part of Day.
1								The same.
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
P.M. 12								

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REMARKS. 27th day of April 1891
This day comes in with
fine weather started
loading at 9.30 am

bs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
-----	------------	---------------	---------------	--------------

Latter part of Day the
 same
 Corn taken in this
 Day 10776 ten hundred
 and seventy seven Bushels
 Crew Employed trimming
 Cargo
 So Ends this day

REMARKS. 28th day of April 1891
This day Comes On With fair
weather with wind to the
wind with that blowing fresh
started loading again

bs.	Variation	Diff of Len	Len. by D. R.	Len. by Gns
-----	-----------	-------------	---------------	-------------

Latter part of Day the
 same
 Corn taken in this
 Day 3113 $\frac{3}{4}$ Eleven hundred
 and fifty three bushels

 So Ends this Day

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REMARKS. 29th day of April 1891
This day. Come in
with fair weather get
through at Frank Leffer at
7.30^{am} get ready to go
down to the shell pile
at 9^{am}

Obs.	Variation	Dist. of T.	Time of day	Locality
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
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95				
96				
97				
98				
99				
100				

Latter part of day the
same No Corn this day
arrived at the shell pile
at 12 noon
Crew Employed trimming
Corn
So Ends this Day

REMARKS.	30 th	day of April	1891
This Day Comes in With fine weather start loading at 6 ^{am} wind light to the North East			

Latter part of Day the
wind all died out dead
Calm at 12 Midnight
Corn taken in this Day
10 M One thousand and eighty Eight
Bushels
Crew Employed at ships
Duties
frigate Attended to S. o
Ends this day



H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	1st day of May 1891
A.M.	1					AIR.	WATER.			
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									
	11									
	12									

This Day Comes In With fine weather get ready to go down to Lewis Wharf to finish loading the Wind 6 am

start at 10^{am}

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									

	1									
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									
	11									
P.M.	12									

Latter part of Day equally get most down to the Wharf when the tide turns flood anchored at 6^{pm}

Cloudy at 12 Midnight

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.	2nd day of May 1891
A.M.	1					AIR.	WATER.			

	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									
	11									
	12									

This Day Comes In With cloudy weather get under weigh at 330^{am} and arrive at Lewis Wharf at 6^{am}

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									

	1									
	2									
	3									
	4									
	5									
	6									
	7									
	8									
	9									
	10									
	11									
P.M.	12									

Latter part of Day fine Corn taken in this day 989 nine hundred and eighty nine bushels

Crew Employed trimming Corn

